

What is claimed is:

- 1 1. A method for use in a mobile communications network, comprising:
 - 2 receiving a request from a wireless network to terminate a communications
 - 3 session with a mobile station;
 - 4 in response to receiving the request to terminate, checking an indicator to
 - 5 determine whether the communications session is to be maintained for the mobile
 - 6 station; and
 - 7 in response to determining that the communications session is to be
 - 8 maintained for the mobile station, generating a message to deny the request to
 - 9 terminate the communications session.
- 1 2. The method of claim 1, wherein receiving the message from the wireless
- 2 network comprises receiving the message from a base station controller.
- 1 3. The method of claim 2, wherein receiving the message comprises receiving
- 2 the message by a packet data serving node (PDSN).
- 1 4. The method of claim 3, further comprising sending the message to deny the
- 2 request from the PDSN to the wireless network.
- 1 5. The method of claim 1, further comprising determining whether the mobile
- 2 station is an always-on mobile station.
- 1 6. The method of claim 5, further comprising determining whether the mobile
- 2 station is a code-division multiple access (CDMA) always-on mobile station.
- 1 7. The method of claim 1, wherein generating the message to deny the request
- 2 comprises generating a NACK message.
- 1 8. The method of claim 7, wherein receiving the request to terminate comprises
- 2 receiving an A11 Registration Request with a Lifetime parameter set to zero.

1 9. The method of claim 8, wherein generating the NACK message comprises
2 generating an A11 Registration-Reply message with a no-acknowledge indicator.

1 10. The method of claim 1, further comprising counting a number of attempts
2 made to reach the mobile station, wherein determining that the communications
3 session is to be maintained for the mobile station is in response to detecting that less
4 than a predetermined number of attempts have been made.

1 11. The method of claim 10, further comprising sending an echo message to the
2 mobile station in each attempt to reach the mobile station.

1 12. The method of claim 10, further comprising:
2 starting an inactivity timer; and
3 in response to expiration of the inactivity timer, sending an echo message to a
4 mobile station.

1 13. An article comprising at least one storage medium containing instructions that
2 when executed cause a system to:
3 receive a request to terminate a communications session with a mobile station;
4 in response to receiving the request to terminate, checking an indicator to
5 determine whether the communications session is to be maintained for the mobile
6 station; and
7 in response to determining that the communications session is to be
8 maintained for the mobile station, generating a message to deny the request to
9 terminate the communications session.

1 14. The article of claim 13, wherein receiving the message comprises receiving
2 the message from a wireless network.

1 15. The article of claim 14, wherein the system comprises a packet data serving
2 node (PDSN).

1 16. The article of claim 14, wherein the instructions when executed cause the
2 system to determine whether the mobile station is an always-on mobile station.

1 17. The article of claim 16, wherein the instructions when executed cause the
2 system to exchange messaging with an Authentication, Authorization, and
3 Accounting server to determine whether the mobile station is an always-on mobile
4 station.

1 18. The article of claim 12, wherein generating the message to deny the request
2 comprises generating a NACK message.

1 19. The article of claim 18, wherein receiving the request to terminate comprises
2 receiving an A11 Registration Request with a Lifetime parameter set to zero.

1 20. The article of claim 12, wherein the instructions when executed cause the
2 system to count a number of attempts made to reach the mobile station, wherein
3 determining that the communications session is to be maintained for the mobile
4 station is in response to detecting that less than a predetermined number of attempts
5 have been made.

1 21. The article of claim 20, wherein the instructions when executed cause the
2 system to send an echo message to the mobile station in each attempt to reach the
3 mobile station.

1 22. A system comprising:
2 an interface to receive, from a wireless network, a request to terminate a
3 communications session with a mobile station; and
4 a controller to check an indicator to determine whether the communications
5 session is to be maintained for the mobile station, and in response to determining that
6 the communications session is to be maintained for the mobile station, generate a
7 message to deny the request to terminate the communications session.

- 1 23. The system of claim 22, wherein the controller is adapted to determine
- 2 whether the mobile station is an always-on mobile station.

- 1 24. The system of claim 22, comprising a packet data node.

- 1 25. The system of claim 22, comprising a CDMA packet data serving node.

- 1 26. The system of claim 22, wherein the message is an A11 Registration-Reply
2 message with a no-acknowledge indication.